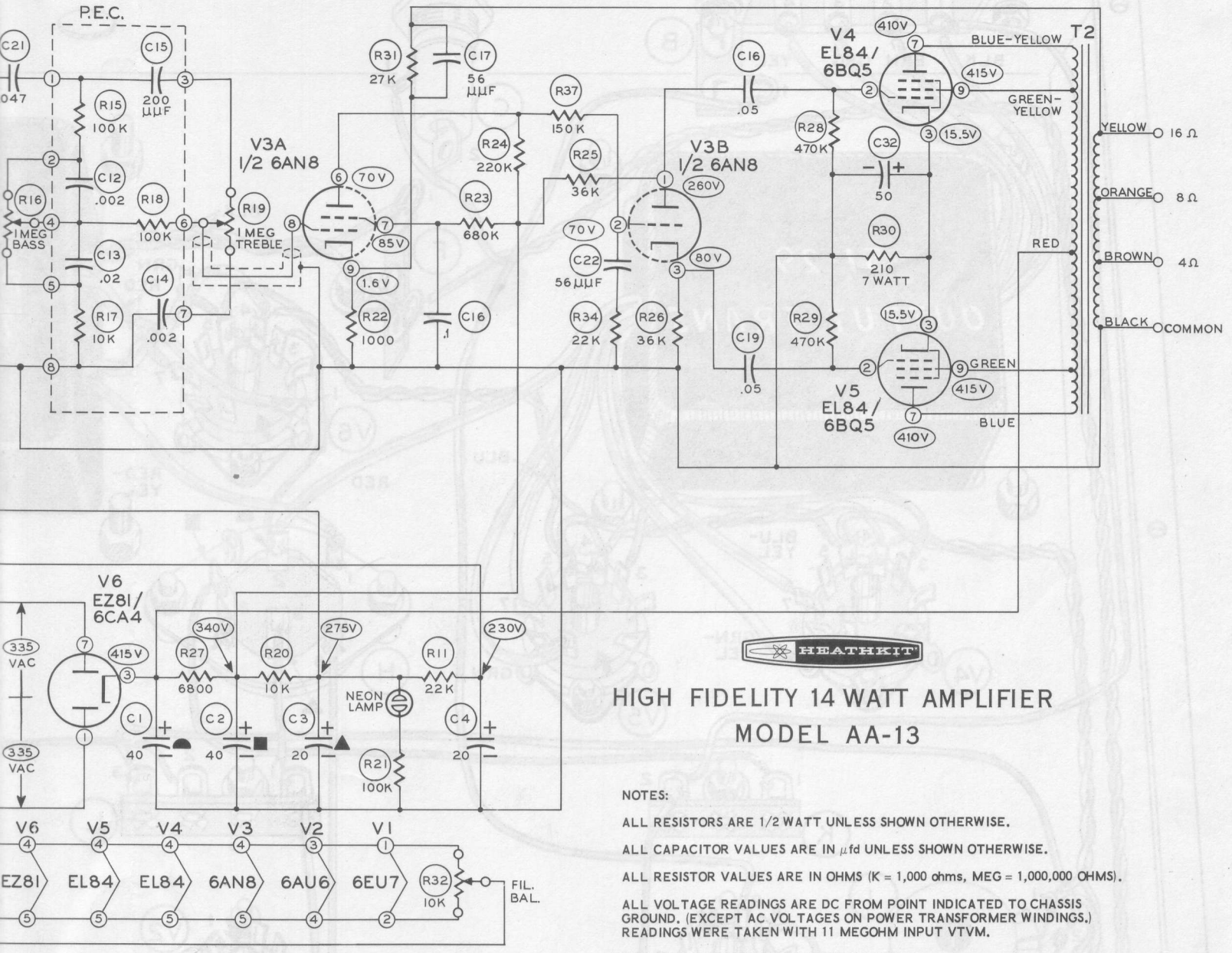


HEATHKIT

HIGH FIDELITY 14 WATT AMPLIFIER
MODEL AA-13

NOTES:

ALL RESISTORS ARE 1/2 WATT UNLESS SHOWN OTHERWISE.

ALL CAPACITOR VALUES ARE IN µfd UNLESS SHOWN OTHERWISE.

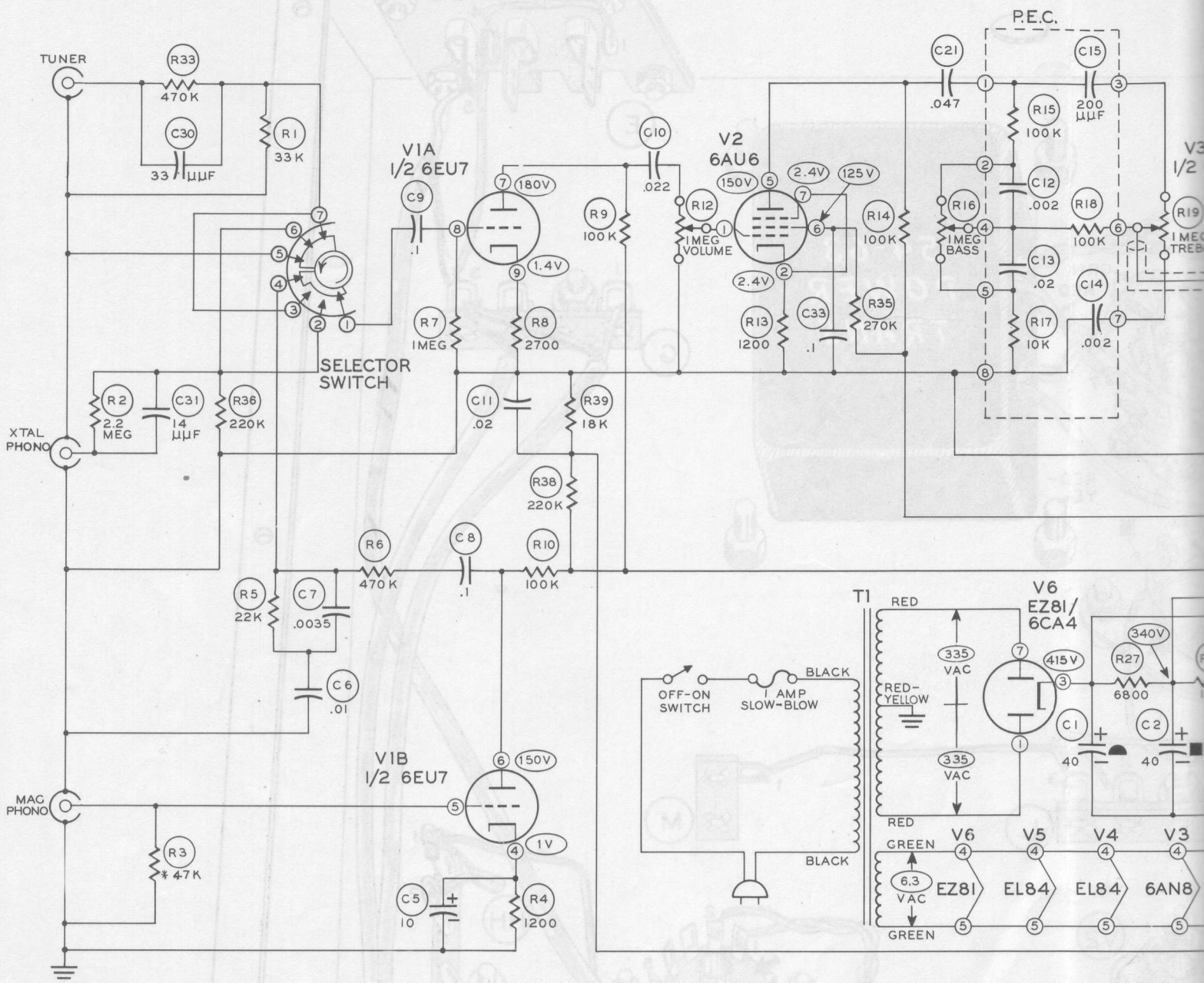
ALL RESISTOR VALUES ARE IN OHMS (K = 1,000 ohms, MEG = 1,000,000 OHMS).

ALL VOLTAGE READINGS ARE DC FROM POINT INDICATED TO CHASSIS GROUND. (EXCEPT AC VOLTAGES ON POWER TRANSFORMER WINDINGS.) READINGS WERE TAKEN WITH 11 MEGOHM INPUT VTVM.

✳ MAY BE VARIED TO MATCH INPUT SOURCE.

SELECTOR SWITCH IN MAG PHONO.

SELECTOR SWITCH IS VIEWED FROM THE REAR.


TUNER
R33
470K
C30
33 µµF
R1
33K
V1A
1/2 6EU7
C9
.1
7
180V
9
1.4V
C10
.022
R9
100K
V2
6AU6
150V
5
2.4V
7
125V
R12
1MEG
VOLUME
1
6
2
2.4V
R14
100K
R13
1200
C33
.1
R35
270K
P.E.C.
C21
.047
1
C15
200
µµF
3
R15
100K
2
C12
.002
R16
1MEG
BASS
4
R18
100K
6
R19
1MEG
TREB
C13
.02
5
C14
.002
7
R17
10K
8
SELECTOR
SWITCH
R7
1MEG
R8
2700
C11
.02
R39
18K
R38
220K
XTAL
PHONO
R2
2.2
MEG
C31
14
µµF
R36
220K
R6
470K
C8
.1
R10
100K
R5
22K
C7
.0035
C6
.01
MAG
PHONO
R3
* 47K
V1B
1/2 6EU7
6
150V
5
4
1V
C5
10
R4
1200
OFF-ON
SWITCH
1 AMP
SLOW-BLOW
BLACK
BLACK
T1
RED
335
VAC
RED-
YELLOW
335
VAC
RED
V6
EZ81/
6CA4
7
415V
3
1
340V
R27
6800
C1
40
C2
40
GREEN
6.3
VAC
GREEN
V6
EZ81
V5
EL84
V4
EL84
V3
6AN8
4
5